

Docket No.: 90795/12650

FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

DATENTO ONLY

POBREVO3 PATENT	SONLY
Tab settings → → → ▼	Y Y Y
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies): Etalon Systems, Inc.	Name and address of receiving party(ies): Name: Eagle New Media Investments, LLC
	Internal Address: c/o Tribune Media Services, Inc.
	internal Address: C/O 111bulle Media Services, Inc.
Additional names(s) of conveying party(les)	
3. Nature of conveyance:	
🛚 Assignment 🔲 Merger	Street Address: 435 North Michigan Avenue
☐ Security Agreement ☐ Change of Name	
Other	City: Chicago State: IL ZIP: 60611
Execution Date: July 14, 2003	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent numbers(s):	
If this document is being filed together with a new application	, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/854,334; 09/854,339; 09/783,886;	
09/783,932; 09/844,642; 09/858,762;	6,342,884; 6,456,287; 6,356,280; 6,452,594;
09/875,546; 09/875,460; 09/875,707;	6,570,586; 6,229,541; 6,421,067; 6,205,485; and 6,525,728
09/875,461; 09/875,547; 09/947,286;	and 0,525,726
09/733,824; 09/909,630; 10/029,784;	
Additional numbers attac	ched? 🔀 Yes 🗌 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 76
Name: Robert J. Depke	7. Total fee (37 CFR 3.41):\$ 3,040.00
Internal Address: Holland & Knight LLC	
	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
Street Address: 131 South Dearborn, 30th Floor	8. Deposit account number:
	50-1597
City: Chicago State: IL ZIP: 60603	(Attach duplicate copy of this page if paying by deposit account)
DO NOT	JSE THIS SPACE
 Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. 	ation is true and correct and any attached copy is a true copy
Philip W. Woo, Reg. No. 39,880	July 18, 2003
Name of Person Signing	Signature
Total number of pages including cover she	1/1/2

Docket No.: 90795/12650

FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0851-0027 (exp.5/31/2002) P06/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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PATENTS ONLY

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🖾 Assignment 🔲 Merger	Street Address: 435 North Michigan Avenue
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Chicago State: IL ZIP: 60611
Execution Date: July 14, 2003	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent numbers(s):	
If this document is being filed together with a new application	, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/854,334; 09/854,339; 09/783,886;	6,342,884; 6,456,287; 6,356,280; 6,452,594;
09/783,932; 09/844,642; 09/858,762;	6,570,586; 6,229,541; 6,421,067; 6,205,485;
09/875,546; 09/875,460; 09/875,707; 09/875,461; 09/875,547; 09/947,286;	and 6,525,728
09/733,824; 09/909,630; 10/029,784;	
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	50-1597
City: Chicago State: IL ZIP: 60603	(Attach duplicate copy of this page if paying by deposit account)
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 Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. 	tion is true and correct and any attached copy is a true copy
Philip W. Woo, Reg. No. 39,880	July 18, 2003
Name of Person Signing	Signature
Total number of pages including cover she	eet, attachments, and document:

EXPRESS MAIL NO.: EV 305 257 721 US

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	COVER SHEET - Page Two Patent and Trademark Office
	rs only
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	Name:
	Internal Address:
	Street Address:
	City State ZIP
	Name:
	Internal Address:
	Street Address:
4. Additional Application number(s) or patent number(s):	
A. Patent Application No.(s)	B. Patent No.(s)
10/029,508; 09/997,713; 09/997,336; 10/008,229;	
10/011,856; 10/072,114; 10/059,943; 10/059,547;	
10/087,778; 10/085,886; 10/090,206; 10/157,574; 10/071,091; 10/087,975; 10/159,543; 10/166,810;	
10/171,024; 10/171,230; 10/177,462; 10/177,502;	
10/179,708; 10/179,713; 10/171,352; 09/718,595;	
10/039,589; 10/144,055; 10/156,167; 09/449,016; 09/784,961; 09/784,840; 09/691,794; 09/691,792;	
09/691,796; 09/704,387; 09/708,220; 09/691,790;	
09/752,612; 09/844,998; 09/653,518; 09/782,896;	
09/665,367; 09/782,916; 09/664,843; 09/661,164;	
09/664,844; 09/773,806; 09/773,771; 09/733,310; 09/996,456; 10/157,437; 10/351,228; and 10/351,027	

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS

- A. WHEREAS, Etalon Systems, Inc., a California corporation formerly known as iSurfTV ("Assignor"), and Eagle New Media Investments, LLC, a Delaware limited liability company ("Assignee"), are parties to that certain Asset Purchase Agreement dated as of July 2, 2003 (the "Purchase Agreement"), pursuant to which Assignee has agreed to purchase certain assets of Assignor, and Assignor has agreed to cause the same to be transferred, assigned and contributed to Assignee;
- B. WHEREAS, Assignor, warrants, affirms, and declares, without limitation, that Assignor is the sole owner of all rights in or under the intellectual property rights identified on Schedule A attached hereto.
- C. WHEREAS, Assignee desires to acquire all intellectual property rights identified on Schedule A attached hereto.
- D. NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby irrevocably sells, transfers, conveys and assigns to Assignee, its successors and assigns all intellectual property rights identified on Schedule A attached hereto and all goodwill associated therewith.
- E. Assignor and Assignee agree and confirm that the worldwide intellectual property rights that are hereby sold, transferred, conveyed and assigned to Assignee herein specifically include, without limitation, the following:
 - 1. the patents, patent registrations, patent applications (including, without limitation, provisional applications, and regardless of whether such applications are current or abandoned) and abandoned patents identified on Schedule A (the "Patents"), including all patent licenses, divisional applications, continuing applications, continuation-in-part applications, reissue filings and reissue patents, reexamination filings and reexamined patents, and the inventions disclosed and claimed in these Patents:
 - 2. all trademarks, service marks, trade names and company names, whether registered or unregistered, identified on Schedule A (the "Marks"), including, trademark and service mark registrations and renewals thereof, use-based applications for registration, and intent-to-use applications for registration, and all goodwill associated with the foregoing;
 - 3. all copyrights identified on Schedule A (the "Copyrights"), including any and all renewals, reversions and extensions thereof; and
 - 4. all claims, demands and causes of action which relate to any infringement of the Patents, Marks, or Copyrights, including rights to all past damages, profits

and other monetary and other remedies available, arising or accruing by reason of any infringement that has occurred prior to the effective date of this Assignment of Intellectual Property Rights, and to sue for and collect same by the Assignee for the use and benefit of the Assignee and its successors and assigns.

- F. Assignor further hereby appoints Assignee as its attorney-in-fact with respect to the Patents, Marks and Copyrights, to act in Assignor's name, place and stead to execute, deliver and record any instrument of assignment or other document in any country in which the Patents, Marks and/or Copyrights are or were pending or issued, granting, confirming, perfecting the transfer of or otherwise relating to the rights assigned herein.
- G. Assignor agrees that it shall execute all documents reasonably necessary to perfect Assignee's title to the Patents, Marks and Copyrights.
- H. Nothing contained herein in any way limits the scope of the Purchased Assets being transferred by Assignor to Assignee pursuant to the Purchase Agreement.
- I. The Assignor and Assignee acknowledge that this Assignment of Intellectual Property Rights may be executed in counterparts, each of which will be deemed an original, but both of which together will constitute one and the same instrument.

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this 145 day of July, 2003.

ETALON SYSTEMS, INC., formerly known as ISURFTV, Assignor

By:
Name:
Title:

EAGLE NEW MEDIA
INVESTMENTS, LLC, Assignee

By Tribune Company, its sole manager

By:
Name:

Title:

IN WITNESS WHEREOF Assignor and Assignee have executed this Assignment of Intellectual Property Rights this ______ day of July, 2003.

ETALON SYSTEMS, INC., formerly known as ISURFTV, Assignor

By: ______ Name: Title:

EAGLE NEW MEDIA INVESTMENTS, LLC, Assignee

By Tribune Company, its sole manager

By: _____ Wave Media and Media and

ATE OF CALIFORNIA)) SS.:
DUNTY OF SHUTA CLARA)
On this II day of July, 2003, before me personally appeared to me known and known to be President & CEO The of Etalon Systems, Inc., formerly known as iSurfTV, the corporation which ecuted the foregoing instrument, and he acknowledged to me that he executed the same. Notary Public
My Commission expires MAY WE , 2007
On this day of Juy,, hybronomic lapton to me known and known to be, the
of Tribune Company, the sole manager of Eagle New Media Investments
C, the corporation which executed the foregoing instrument, and he acknowledged to me that executed the same.
Notary Public My Commission expires

STATE OF CALIFORNIA)	
COUNTY OF) SS.:	
, to me known and k of Etalon Systems, I	2003, before me personally appeared known to be, the nc., formerly known as iSurfTV, the corporation which e acknowledged to me that he executed the same.
	Notary Public My Commission expires
me known and known to be a Vice Presid New Media Investments LLC, the corpor	2003, before me personally appeared David J. Granat, to lent of Tribune Company, the sole manager of Eagle ation which executed the foregoing instrument, and he
OFFICEN, SEAL NOTARY PURISH OF BLINOIS MY COMMISSION EXPRISES: 09-19-06	Notary Public My Commission expires 9-19-06

SCHEDULE A

Marks
Title: iSurfTV Reg. No.: Date registered:
Title: SurfGuide Reg. No.: Date registered:
Title: SurfSuite Reg. No.: Date registered:
Title: SurfLine Reg. No.: Date registered:
Title: SurfLink Reg. No.: Date registered:
Title: SurfServer Reg. No.: Date registered:
Copyrights
Title: SurfServer source code and all related documentation. Reg. No.: Date registered:
Title: SurfLine source code and all related documentation. Reg. No.: Date registered:
Title: SurfGuide source code and all related documentation. Reg. No.: Date registered:
Patents
See attached spreadsheet.

SCHEDULE A Issued Patents

Docket Inventor(s) Issue Da Number Fitted Nethod and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation 2 Kamen, Yakov, 24-Se 2 6,456,287 Method and apparatus for 3D model creation based on 2D Kamen, Yakov, images 12-Mission and apparatus for realistic 3D model creation based on 2D Kamen, Yakov, and 3D inaging for cost effective watermarking 17-Se 5 6,456,280 Method and apparatus for using a 3D graphics pipeline Kamen, Yakov, and 3D inaging for cost effective watermarking Shirman, Leon Shir	SurfTV				
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6,452,594 Method and apparatus for using a 3D graphics pipeline Kamen, Yakov; and 3D imaging for cost effective watermarking Shirman, Leon links 6,570,586 Bandwidth effective method for communicating interactive Kamen, Yakov; links 6,229,541 Use of templates for cost-effective secure linking of video Kamen, Yakov; stream objects 6,421,067 Electronic programming guide Shirman, Leon Shirman, Leon System 6,205,485 Simulcast WEB page delivery using a 3D user interface Kikinis, Dan system 6,525,728 Method and apparatus for using a general three-kamen, Yakov; dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation			using interactive scissors	Shirman, Leon	
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6,570,586 Bandwidth effective method for communicating interactive Kamen, Yakov; links 6,229,541 Use of templates for cost-effective secure linking of video Kamen, Yakov; stream objects 6,421,067 Electronic programming guide 6,205,485 Simulcast WEB page delivery using a 3D user interface Kikinis, Dan system 6,525,728 Method and apparatus for using a general three-kikinis, Dan dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation			and 3D imaging for cost effective watermarking	Shirman, Leon	-
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6,229,541 Use of templates for cost-effective secure linking of video Kamen, Yakov; stream objects 6,421,067 Electronic programming guide Kamen, Yakov; Shirman, Leon Shirman, Leon Shirman, Leon System 6,205,485 Simulcast WEB page delivery using a 3D user interface Kikinis, Dan system 6,525,728 Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation			links	Shirman, Leon	•
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6,421,067 Electronic programming guide Kamen, Yakov; Shirman, Leon Simulcast WEB page delivery using a 3D user interface Kikinis, Dan system 6,525,728 Method and apparatus for using a general three-kamen, Yakov; dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation			stream objects	Shirman, Leon	•
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6,205,485 Simulcast WEB page delivery using a 3D user interface Kikinis, Dan system 6,525,728 Method and apparatus for using a general three-dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation				Shirman, Leon	
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6,525,728 Method and apparatus for using a general three-dimen, Yakov, dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation			system		
dimensional (3D) graphics pipeline for cost effective digital Shirman, Leon image and video editing, transformation, and representation	9/	6,525,728	Method and apparatus for using a general three-	Kamen, Yakov;	25-Feb-2003
image and video editing, transformation, and representation			dimensional (3D) graphics pipeline for cost effective digital	Shirman, Leon	
representation			image and video editing, transformation, and		
	İ		representation		

SCHEDULE A Published Patent Applications

į				Date		
VI LING	USPTO			Application		
Docket	Application			Number	Serial	
Number	Number		Inventor(s)	Assigned	Number	Filing Date
50	20020059605	Universal programming system and method for EPG with localized interactive content	Kikinis, Dan; Kamen, Yakov	16-May-2002 09-854334	09-854334	11-May-2001
21	20020059606	Universal programming system and method for EPG with	Kikinis, Dan;	16-May-2002 09-854339	09-854339	11-May-2001
23	20020054066	Method and system for inputting time in a video	Kikinis Dan:	O May 2002	308597 00 COOC WENT O	14 Ech 2001
			Kamen, Yakov	3-ividy-2002	000001-60	14-reb-200
25	20010035884	Method and system for inputting time in a video	Kikinis, Dan;	1-Nov-2001	1-Nov-2001 09-783932	14-Feb-2001
26	20020005010	Novel current control current	ramen, rakov			
3 2	2002002310	Tower cursor control system	Kikinis, Dan	17-Jan-2002 09-84642	09-844642	27-Apr-2001
5	Z00Z0007488	I ransparent object management for removable media recorders	Kikinis, Dan; Kamen, Yakov	17-Jan-2002 09-858762	09-858762	15-May-2001
35	20020019980	Remote control of program scheduling	Kikinis, Dan	14-Feb-2002 09-875546	09-875546	5-Jun-2001
38	20020010925	Remote control of program scheduling	Kikinis, Dan	24-Jan-2002 09-875460	09-875460	5-Jun-2001
37	20020059597	Method and apparatus for notifying users of interactive	Kikinis, Dan;	24-Jan-2002 09-875707	09-875707	5-Jun-2001
30	20000040722		Natifell, Takov			
9	20020019732	interactivity using voice commands	Kikinis, Dan; Kamen, Yakov; Ferodia Gene	14-Feb-2002 09-875461	09-875461	5-Jun-2001
39	20020019986	Enhanced home entertainment system with removable long-term storage	Kikinis, Dan	14-Feb-2002 09-875547	09-875547	5-Jun-2001
40	20020049982	Integrated book-marking system for existing set-top boxes Kikinis, Dan including those without browsing capabilities and those unable to expand to support browsing or interactive linking	Kikinis, Dan	25-Apr-2002 09-947286	09-947286	5-Sep-2001
45	20020073428	Downloading and transfer of audio or video data from video broadcasts	Gurevich, Leonid; Kazantsev, Sergei; Olkha, Lev;	13-Jun-2002 09-733824	09-733824	8-Dec-2000
46	20020047849	Method and system for modification of EPG object attributes	Kamen, Yakov	25-Apr-2002 09-909630	069606-60	19-Jul-2001
47	20020085090	Method and apparatus for generation of a preferred broadcasted programs list	Kamen, Yakov	4-Jul-2002	4-Jul-2002 10-029784	19-Oct-2001

SCHEDULE A Published Patent Applications

				Date		
SurfTV	USPTO			Application		
Docket	Application			Number	Serial	
Number	Number	Titte	Inventor(s)	Assigned	Number	Filing Date
84	20020083452	Method and system for inserting a new channel into a list of preferred channels	Kikinis, Dan	27-Jun-2002 10-029508	10-029508	19-Oct-2001
67	20020087595	Method and apparatus for virtual editing of multimedia presentations	Friedman, Glen; Kikinis. Dan	4-Jul-2002	4-Jul-2002 09-997713	29-Nov-2001
20	20020087985	Methods and apparatuses for displaying meaningful abbreviated program titles	Kamen, Yakov; Shkolnik, Boris	4-Jul-2002	4-Jul-2002 09-997336	29-Nov-2001
52	20020083450	Method and system for content-based broadcasted program selection	Kamen, Yakov; Kikinis, Dan	27-Jun-2002 10-008229	10-008229	30-Nov-2001
53	20020093594	Method and system for identifying addressing data within a Kikinis, Dan television presentation	Kikinis, Dan	18-Jul-2002	18-Jul-2002 10-011856	4-Dec-2001
55	20020166122	Image-oriented electronic programming guide	Kikinis, Dan; Howe, Rick; Kamen, Yakov	7-Nov-2002	7-Nov-2002 10-072114	5-Feb-2002
98	20020113798	Modifying object geometry to accommodate information attributes	Kamen, Yakov	22-Aug-2002 10-059943	10-059943	28-Jan-2002
57	20020129369	Mechanism and apparatus for construction of modular-based interactive programming guides and TV portals	Kamen, Yakov	12-Sep-2002 10-059547	10-059547	28-Jan-2002
28	20020124264	Freezing live video frames with interactive links	Kikinis, Dan	5-Sep-2002	5-Sep-2002 10-087778	1-Mar-2002
29	20020124254	Method and system for advertising based on the content of Kikinis, Dan selected channels or broadcasted programs	Kikinis, Dan	5-Sep-2002	5-Sep-2002 10-085886	27-Feb-2002
09	20020188946	Method and system for interactive programming guide background selection	Kohne, Brian	12-Dec-2002 10-090206	10-090206	1-Mar-2002
61	20030014752	Method and apparatus for generating a mosaic style electronic programming guide	Zaslavsky, Eduard; Olkha, Lev	16-Jan-2003 10-157574	10-157574	28-May-2002
83	20020129370	Method and system for implementing an electronic program guide	Kikinis, Dan	12-Sep-2002 10-071091	10-071091	7-Feb-2002
28	20020122079	Multimedia interactive device function selection based upon button depression duration	Kamen, Yakov; Kikinis, Dan	5-Sep-2002 10-087975	10-087975	1-Mar-2002
65	20030023976	Novel method for making selections in search criteria in TV EPGs	Kamen, Yakov; Kikinis, Dan; Kohne, Brian	30-Jan-2003 10-159543	10-159543	31-May-2002

SCHEDULE A Published Patent Applications

2003 10-177462 2003 10-177462 2003 10-177462 2003 10-177462 2003 10-1777602 2003 10-1777502 2003 10-1777135 2002 10-179713 2002 10-179713 2002 10-179713 2002 10-179713					Dafe		
Application Number National Application Serial Number National Application Serial Number National Na	SurfTV	USPTO			Application		
Number	Docket	Application			Number	Serial	
20030011636 Methods and apparatuses for conducting a TV EPG Kamen, Yakov; search in various search time periods (Kikinis, Dan; Kimbali, Brian; Imteractive television guide system implementing the method method for displaying channel listings in an electronic Rikinis, Dan program guide and an electronic program guide and a system for controlling access to individual Kamen, Yakov descriptions of recorded content and interactive in interactive TV environment for TV Kikinis, Dan; programming packages Kamen vakov; Kimball, Brian currently-viewed program information in a hierarchical Kazantsev, Serget; manner and interactive program guide system (Mikhis, Dan Customer self service program guide system (Mikhis, Dan; Memball, Brian manner and interactive program guide system (Mikhis, Dan Customer self service program guide system (Mikhis, Dan Currently-viewed program guide system (Mikhis, Dan Customer and interactive program guide system (Mikhis, Dan Customer and interactive scissors (Mikhis, Dan Chaman, Yakov; Mikhis, Dan Method and apparatus for realistic 3D model creation (Mikhis, Dan Method and apparatus for realistic 3D model creation (Mikhis, Dan Mikhing) (Mikhing) (Mikhin	Number	Number	Title	Inventor(s)		Number	Filling Date
Method for magnifying images on a display screen and an Feroglia, Gene; interactive television guide system implementing the method 20030019757 Method for displaying channel listings in an electronic Rikinis, Dan program guide and an electronic program guide and an electronic program guide and system for controlling access to individual (Amen, Yakov titles) Method and system for replacing/obscuring titles and descriptions of recorded content Z0030023980 Customer self service in interactive TV environment for TV (Kiknis, Dan; programming packages Kimball, Brian Kimball, Brian Method and system for enabling visitors to subscribe to Kiknis, Dan; currently-viewed programming packages Kimball, Brian Kimball, Brian Co020073219 Method for providing program guide system Zasiavsky, Eduard; Turvnenko, Sergey 20020073219 Simulcast web page delivery Simulcast	8	20030046698	Methods and apparatuses for conducting a TV EPG search in various search time periods	Kamen, Yakov; Kikinis, Dan;	6-Mar-2003	10-166810	10-Jun-2002
20030011636 Method for magnifying images on a display screen and an Feroglia, Gene; interactive television guide system implementing the Kikinis, Dan Method for displaying channel listings in an electronic Rikinis, Dan Program guide and an electronic program guide system for replacing/obscuring titles 20030017782 Method and system for replacing/obscuring titles and descriptions of recorded content programming packages 20030014546 Method and system for enabling visitors to subscribe to Kikinis, Dan; Currently-viewed programming packages Method for providing program information in a hierarchical Kazentsev, Sergei; manner and interactive program guide system 20020032219 Simulcast web page delivery 2002003513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov, using interactive scissors 20020171686 Electronic programming guide 2003001760171686 Electronic programming guide				Kimball, Brian			
interactive television guide system implementing the Kohne, Brian; method method end isplaying channel listings in an electronic Rikinis, Dan program guide and an electronic program guide and end electronic program guide and endectronic program guide and electronic program guide and electronic program guide system for replacing/obscuring titles and kamen, Yakov descriptions of recorded content and interactive TV environment for TV kikinis, Dan; programming packages and system for enabling visitors to subscribe to kikinis, Dan; currently-viewed programming packages kamen, Yakov; kimball, Brian manner and interactive program information in a hierarchical kazantsev, Sergei; manner and interactive program information in a hierarchical kazantsev, Sergei; implementing the method and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors solutions and apparatus for realistic 3D model creation Kamen, Yakov; simages images the electronic programming guide spirman, Leon Shirman, Shirman, Leon Shirman, Leo	29	20030011636	Method for magnifying images on a display screen and an	Feroglia, Gene;	16-Jan-2003	10-171024	11-Jun-2002
20030014767 Method for displaying channel listings in an electronic program guide and system for controlling access to individual Kamen, Yakov titles 20030014762 Method and system for replacing/obscuring titles and descriptions of recorded content conte			interactive television guide system implementing the	Kohne, Brian;			
program guide and an electronic program guide implementing the method 20030014702 Methods and system for controlling access to individual Kamen, Yakov titles 20030007782 Methods and system for replacing/obscuring titles and descriptions of recorded content Customer self service in interactive TV environment for TV Kikinis, Dan; programming packages 20030014546 Method and system for enabling visitors to subscribe to Kikinis, Dan; currently-viewed programming packages 20030018881 Method for providing program information in a hierarchical Kazantsev, Sergei; manner and interactive program guide system 20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; implementing the method 20020167515 Method and apparatus for realistic 3D model creation Kamen, Yakov; images 20020171686 Electronic programming guide Kamen, Yakov; Shirman, Leon	89	20030009757	Method for displaying channel listings in an electronic	Kikinis, Dan	9-Jan-2003	10-171230	11-Jun-2002
2003001470 Methods and system for controlling access to individual Kamen, Yakov titles 2003007782 Method and system for replacing/obscuring titles and descriptions of recorded content content programming packages 20030014546 Method and system for enabling visitors to subscribe to Kamen, Yakov; Kamball, Brian Currently-viewed programming packages 20030014546 Method for providing program information in a hierarchical Kazantsev, Sergei; manner and interactive program guide system 20020073219 Simulcast web page delivery concept creation based on 2D Kamen, Yakov; simplementing the method concept creation based on 2D Kamen, Yakov; simplementing interactive scissors 20020171686 Electronic programming guide 20020171686 Electronic programming guide 20020171686 Shirman, Leon Shirman, L			program guide and an electronic program guide				
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2003007782 Method and system for replacing/obscuring titles and descriptions of recorded content 20030023980 Customer self service in interactive TV environment for TV Kikinis, Dan; programming packages Kamen, Yakov; Kamen, Yakov; Currentty-viewed programming packages Kamen, Yakov; Kimball, Brian currentty-viewed programming packages Kamen, Yakov; Kimball, Brian anner and interactive program information in a hierarchical Kazantsev, Sergei; mplementing the method method creation fikinis, Dan Z0020073219 Simulcast web page delivery Kikinis, Dan Z0020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; images Z0020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images Electronic programming guide Kamen, Yakov; Shirman, Leon Shi	20	2003001470	ods and system for	Kamen, Yakov	16-Jan-2003	10-177462	19-Jun-2002
20030023980 Customer self service in interactive TV environment for TV Kikinis, Dan; programming packages 20030014546 Method and system for enabling visitors to subscribe to Currently-viewed programming packages 20030028881 Method for providing program information in a hierarchical Kazantsev, Sergei; manner and interactive program guide system 20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation 20020171686 Electronic programming guide 20020171686 Electronic programming guide 20020171686 Electronic programming guide 20020171686 Simman, Leon Shirman, Leon	20	20030007782	Method and system for replacing/obscuring titles and	Kamen, Yakov	9-Jan-2003	10-177502	19-Jun-2002
20030014546 Method and system for enabling visitors to subscribe to remaining packages 20030014546 Method and system for enabling visitors to subscribe to Kikinis, Dan; Currently-viewed programming packages Currently-viewed program information in a hierarchical formal, Brian manner and interactive program guide system 20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; images 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide 20020171686 Electronic programming guide 20020171680 Shirman, Leon	71	20020023980		in a contract of the contract	2000	002027	0000
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20030014546 Method and system for enabling visitors to subscribe to Currently-viewed programming packages 20030028881 Method for providing program information in a hierarchical Kazantsev, Sergei; manner and interactive program guide system 20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide			programming packages	Kamen, Yakov;			
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20030028881 Method for providing program information in a hierarchical Kimball, Brian manner and interactive program guide system Caslavsky, Eduard; implementing the method 20020073219 Simulcast web page delivery Simulcast web page delivery Kikinis, Dan Shirman, Leon Using interactive scissors 20020167515 Method and apparatus for realistic 3D model creation Amen, Yakov; images Shirman, Leon		*****	currently-viewed programming packages	Feroglia, Gene;			
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20030028881 Method for providing program information in a hierarchical Kazantsev, Sergei; manner and interactive program guide system Implementing the method 20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide Shirman, Leon Shirman, Leon Shirman, Leon Shirman, Leon				Kimball, Brian			
manner and interactive program guide system Machanism and apparatus for realistic 3D model creation Shirman, Leon 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; Images 20020171686 Electronic programming guide Manner and interactive scissors Shirman, Leon	74	20030028881	Method for providing program information in a hierarchical	Kazantsev, Sergei;	6-Feb-2003	10-171352	11-Jun-2002
20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide Shirman, Leon Shirman, Leon Shirman, Leon Shirman, Leon			manner and interactive program guide system	Olkha, Lev;			
20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide Shirman, Leon Shirman, Leon Shirman, Leon			implementing the method	Zaslavsky, Eduard;			
20020073219 Simulcast web page delivery 20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide Shirman, Leon Shirman, Leon Shirman, Leon				Turivnenko, Sergey			
20020093513 Mechanism and apparatus for realistic 3D model creation Kamen, Yakov; using interactive scissors 20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov; images 20020171686 Electronic programming guide Kamen, Yakov; Shirman, Leon Shirman, Leon Shirman, Leon	75	20020073219	Simulcast web page delivery	Kikinis, Dan	13-Jun-2002	09-718595	21-Nov-2000
20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov, images 20020171686 Electronic programming guide Kamen, Yakov, Shirman, Leon Shirman, Leon	11	20020093513	Mechanism and apparatus for realistic 3D model creation	Kamen, Yakov;	18-Jul-2002	10-039589	4-Jan-2002
20020167515 Method and apparatus for 3D model creation based on 2D Kamen, Yakov, images 20020171686 Electronic programming guide Kamen, Yakov, Shirman, Leon			using interactive scissors				
20020171686 Electronic programming guide Kamen, Yakov; Shirman, Leon	<u>8</u>	20020167515	Method and apparatus for 3D model creation based on 2D	Kamen, Yakov;	14-Nov-2002	10-144055	10-May-2002
20020171686 Electronic programming guide Kamen, Yakov;			images	Shirman, Leon			
Shirman, Leon	82	20020171686	Electronic programming guide	Kamen, Yakov;	21-Nov-2002	10-156167	28-May-2002
				Shirman, Leon			

SCHEDULE A Other Pending Applications

SurTV				-				
Docket			Provisional	Provisional	Utility Filina	USPTO Utility	PCT Filing	,
Number	Title	Inventor(s)	Filing Date	Number	Date	Serial Number	Date	PCT Number
=	Method for using banner advertisements during commercial breaks	Kamen, Yakov; Shirman, Leon	ΑΝ	A/A	24-Nov-1999	09-449016	13-Nov-2000	13-Nov-2000 WO 01-39493
13	Method and apparatus for controlling the movement or changing the appearance of a three-dimensional element	Kamen, Yakov; Shirman, Leon	16-Feb-2000	60-182838	15-Feb-2001	09-784961	16-Feb-2001	16-Feb-2001 WO 01-61996
41	Mechanism and apparatus for a 3D enabled web navigator	Kamen, Yakov; Shirman, Leon	16-Feb-2000	60-182870	15-Feb-2001	09-784840	16-Feb-2001	16-Feb-2001 WO 01-60142
15	Method and system for optimal usage of memory for storing scheduling and guide data in 3D enabled EPG	Kamen, Yakov; Shirman, Leon	16-Mar-2000	60-190327	18-Oct-2000	09-691794		
16	Method and system for adaptive electronic programming guide	Kamen, Yakov; Shirman, Leon	16-Mar-2000	60-190349	18-Oct-2000	09-691792		
17	Novel method for EPG use in conjunction with object databases	Kikinis, Dan	27-Mar-2000	60-192163	18-Oct-2000	09-691796		
6	Real world/virtual world correlation system using a 3D graphics pipeline	Kikinis, Dan	5-Apr-2000	60-194977	31-Oct-2000	09-704387	3-Apr-2001	3-Apr-2001 WO 01-78014
6	Universal programming system for EPG	Kamen, Yakov; Shirman, Leon	20-Apr-2000	60-199013	7-Nov-2000	09-708220	10-Apr-2001	10-Apr-2001 WO 01-82594
2	Novel method for EPG use in conjunction with objects	Kikinis, Dan	6-Apr-2000	60-195161	18-Oct-2000	09-691790		
57	New method for finding the same or similar shows	Kikinis, Dan	5-May-2000	60-202303	29-Dec-2000	09-752612		
77	Dual-screen set-top box	Kikinis, Dan	27-Apr-2000	60-200514	27-Apr-2001	09-844998		
87 88	Novel time/channel navigation method for EPGs	Kikinis, Dan	20-Apr-2000	60-199009	31-Aug-2000	09-653518		
R	3U enhanced advertising for regular TV broadcast of 2D video	Kikinis, Dan	11-May-2000	60-203496	13-Feb-2001	09-782896		
ຂ	Three-dimensional light electronic programming guide	Kikinis, Dan	8-May-2000	60-203128	19-Sep-2000	09-665367	21-May-2001	21-May-2001 WO 02-25626
5	Localized advertising using localized 3D templates	Kikinis, Dan	16-May-2000	60-204875	13-Feb-2001	09-782916		
35	Perpendicular view three-dimensional electronic programming guide	Kamen, Yakov; Kikinis Dan	2~Jun-2000	60-208883	19-Sep-2000	09-664843		
8	Insertion of recorded media into a broadcast	Kamen, Yakov; Kikinis Dan	13-Jun-2000	60-211355	13-Sep-2000	09-661164	9-Apr-2001	9-Apr-2001 WO 01-95694
4	Enhanced interactive messaging environment	Olkha, Lev; Gurevich, Leonid;	11-Aug-2000	60-224824	19-Sep-2000	09-664844		
!		Zaslavsky, Eduard						
	I -commerce of non-video information associated with TV programs	Olkha, Lev; Gurevich, Leonid; Kazantsev, Sergei;	30-Aug-2000	60-229249	8-Dec-2000	09-773806		
5		Zaslavsky, Eduard						
?	Real-time houncation of 1V shows matching specified criteria	Olkha, Lev; Gurevich, Leonid:	30-Aug-2000	60-229250	8-Dec-2000	09-773771		
		Kazantsev, Sergei;						
		Zasiavsky, Eduard						

SCHEDULE A Other Pending Applications

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Docket			Provisional	Provisional	Utility Filing	USPTO Utility	PCT Filing	v
Number	Title	Inventor(s)	Filing Date	Number		Serial Number	Date	PCT Num ber
4	Enhanced integrated book-marking system for existing set-	Olkha, Lev;	6-Sep-2000	60-230494	8-Dec-2000	09-733310		•
	and those unable to support browsing or interactive linking							
		Zaslavsky, Eduard;			•			
51	Alphabetic search using single application of keys	Kikinis Dan	1-Dec-2000	60-250980	28-Nov-2001	09-996456	3-Dec-2001	3-Dec-2001 WO 02-44 BB0
5		Marina, Call	002-030-1	0050000	ZO-1404-2001	00000000	2-007-001	2004
79		Zaslavsky, Eduard; Kikinis, Dan	29-May-2001	60-294455	28-May-2002	10-157437		
73	Use of templates for cost-effective secure linking of video	Kamen, Yakov;			26-Mar-2001			
97		Chinic Dec	0000	1000000	2000	0007007		
2 2	Audio command and reconce for IDCs	Kikinis, Dan	25-Jan-2002	60 353443	25-Jan-2003	10-55 1220		
2 6	T	Nikillis, Dall	2002-118C-C2	241700-00	22-Jan-2003	170105-01		
8	Muit-Viewpoint portholes in a 3D rendering environment	Kamen, Yakov; Mizutani, Yoshihiro	28-Feb-2002	60-360582				
8	Simulcast WEB page delivery using a 3D user interface	Kikinis, Dan						
	system				•			
\$	Simulcast WEB page delivery using a 3D user interface	Kikinis, Dan						
	system							
æ	Simulcast WEB page delivery using a 3D user interface	Kikinis, Dan						
	System							
8	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan		•				
87	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan						
88	Simulcast WEB page delivery using a 3D user interface system	Kikinis, Dan						
98	Simulcast WEB nage delivery using a 20 mes interface	Vitinio Don						
3	System	NRINIS, Dan						
8	Compact IPG	Ezekwe, David						
.	Method of video recording spam control for a high- capacity storage system	Kamen, Yakov						
85	Mechanism and apparatus for adaptive, fast, cost effective	Gordon Iouri						
	texture mapping in 3D rendering							
		Kazantsev, Sergei;						
		Kamen, Yakov;						
အ	Mechanism and apparatus for adaptive event description	Kamen Yakov						
	generation using multi-resolutional description database	realization, rance						
3	Method and apparatus for effective content recording in digital personal video recorders	Kamen, Yakov						

SCHEDULE A Other Pending Applications

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Docket			Provisional	Provisional	willer Otosii pailis willer	MEDICOL INTERV	DCT Elling	۲
Number Title	Title	Inventor(s)	Filing Date	Number	Date	Date Serial Number		PCT Number
88	Method and apparatus for effective information storage in	=						,
	high-capacity personal video recorders							
8	Using XML-based descriptors and procedural texture	Kamen, Yakov						
	mapping pipeline to generate text-based textures							

SCHEDULE A Combined Patent Applications

SurfTV Docket Number	Ttte	Inventor(s)	Provisional Filing Date	Provisional Number	USPTO USITY Utility Provisional Utility Filing Serial Filing Date Number Date Number	USPTO Utility Serial Number		PCT Filing Date PCT Number NOTES	NOTES
7	Method and apparatus for interactive marking of moving Kamen, Yakov; objects in video streams and animated image sequences Shirman, Leon	Kamen, Yakov; Shirman, Leon	N/A	N/A	N/A 3-Sep-1999		2-Sep-1999	WO 01-18676	2-Sep-1999 WO 01-18676 PCT combined -Docket #9
80	Method and apparatus for recognition of optimal intermediate key frame for object tracking in video streams and animated sequences	Kamen, Yakov; Shirman, Leon	N/A	NA	3-Sep-1999		2-Sep-1999	WO 01-18676	2-Sep-1999 WO 01-18676 PCT combined -Docket #9

SCHEDULE A Abandoned Patent Applications

						USPTO		i.
SurfTV Docket			Provisional	Provisional	Provisional Provisional Utility Filing Serial	Serial	PCT Filing	
Number Title	Title	Inventor(s)	Filing Date	Number	Date Number		Date	Date PCT Number
4	Novel method and apparatus for controlling video	Kamen, Yakov;	3-Feb-1999		N/A 20-Aug-1999 N/A		2-Feb-2000	2-Feb-2000 WO 00-46680
	programming	Shirman, Leon						
4a	Remote control device	Kamen, Yakov;	25-Jun-1999	N/A	N/A 20-Aug-1999	¥ X	2-Feb-2000	N/A 2-Feb-2000 WO 00-46680
		Shirman, Leon						

SCHEDULE A Foreign Patent Filings

Attorney	SurfTV Docket Number	Reference No.	International Filing Date	PCT Application #	Publication No.	Status	Additional Information
BSTZ	13	P001PCT	16-Feb-2001	-Feb-2001 PCT/US01/05056	WO 01/61996 A1	Published 08/23/2001	Written Opinion mailed 7/24/02
BSTZ	18	POOGPCT	3-Apr-2001	L-Apr-2001 PCT/US01/11165	WO 01/78014 A1	Published 10/18/2001	Prelim Exam mailed 4/19/02
BSTZ	21	P017PCT	11-May-2001	11-May-2001 PCT/US01/15405	WO 01/86949 A1	Published 11/15/2001	Prelim Exam mailed 2/25/2002
BSTZ	33	P027PCT	10-Aug-2001	10-Aug-2001 PCT/US01/41664	WO 02/15594 A1	Published 02/21/2002	Prelim Exam mailed 02/13/2003
Z128	48	P037PCT	19-Oct-2001	HOct-2001 PCT/US01/51571	WO 03/005147 A2	Published 01/16/2003	Response to Invitation to Correct Defects fled 12/09/2002
				:			Delects lifed 12/03/2002
BSTZ	51	P051PCT	3-Dec-2001	3-Dec-2001 PCT/US01/46378	WO 02/044880 A1	Published 06/06/2002	Search Report mailed 3/25/02
ZLS8		P051CA	30-May-2003	30-May-2003 not yet assigned		awaiting exam	
BSTZ	53	P053PCT	4-Dec-2001	-Dec-2001 PCT/US01/46802	WO 02/47390 A1	Published 06/13/2002	Search Report mailed 5/13/02
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